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providing a plurality of ATM cells, at least some of which are in each case assigned to a common frame and which are stored in connection-specific queues;

providing a first algorithm by means of which, with the exception of a first and a last ATM cell in a frame, newly arriving cells in the frame are removed;

providing a second algorithm by means of which the ATM cells in a frame, from a first cell to a last cell, are removed upon arrival in a queue from the ATM communications device;

at a start of a transmission process, indicating by a user a maximum number of ATM cells per frame, and transmitting the ATM cells using said maximum number; and

when said maximum number is exceeded, discarding the associated frame or using the first algorithm.

## REMARKS

The specification and abstract have been amended in accordance with U.S. practice, and for improved readability and clarity.

New claims 18-30 are presented substituting for originally prosecuted PCT claims 1-17. These new claims are drawn in accordance with U.S. practice.

An Information Disclosure Statement is enclosed.

Respectfully submitted,

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